

MARION COUNTY: Key Data Points

- The county observes a higher overall birth rate as compared to the state (17 versus 13.9)
- Of the 135 infant deaths, 89 were neonatal deaths
- A significantly higher percentage of the county's mothers are delivering low birth weight and preterm babies compared to the state (8.8% versus 7.9% respectively)
- Compared to state percentages, a higher percentage of mothers in Marion county are drinking alcohol during pregnancy (1.1% versus 0.6% respectively)
- Marion county observed 211 accidental deaths (88 of which were motor vehicle), 105 suicidal deaths, and 104 homicides

Note: All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

Figure 1. Births

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
Marion County	14,701	17	10,268	16.7	4,024	18.4	409	13.7
INDIANA	86,382	13.9	75,422	13.7	9,288	17.5	1,672	10.6

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2. Mortality

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
MARION	All Races	14,701	135	89	46	9.2	6.1	3.1
	White	10,268	69	43	26	6.7	4.2	2.5
	Black	4,024	62	43	19	15.4	10.7	**
	Other	409	4	3	1	**	**	**
	Hispanic	1,784	7	3	4	**	**	**
INDIANA	All Races	86,382	641	417	224	7.4	4.8	2.6
	White	75,422	479	309	170	6.4	4.1	2.3
	Black	9,288	148	98	50	15.9	10.6	5.4
	Other	1,672	14	10	4	**	**	**
	Hispanic	6,763	38	22	16	5.6	3.3	**

*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3. Outcome Indicators of Mother, by Race

		Birth Weight				During Pregnancy		
MARION COUNTY	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	14,701	8.8(S)	1.6	10.8(S)	76.4(S)	1.1	17.6	49.1(S)
White	10,268	7.3	1.2	9.8	79.3(S)	1(S)	19.2	40.1(S)
Black	4,024	12.6	2.8	13.7	68.7	1.4	14.3	74.6

		Birth Weight				During Pregnancy		
INDIANA	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	86,382	7.9	1.4	9.9	80.6	0.6	18.5	37.1
White	75,422	7.2	1.2	9.5	82.1	0.6	19.1	32.6
Black	9,288	13.3	3.3	13.3	68.2	1.1	15.2	76.3

† Preterm: less than 37 weeks gestation

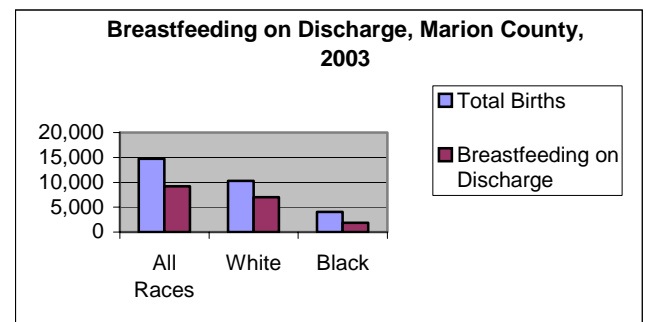
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

*** Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4. Breastfeeding

MARION COUNTY	All Races	White	Black
Total Births	14,701	10,268	4,024
Breastfeeding on Discharge	9,176	7,000	1,855
% Breastfeeding on Discharge	62.4	68.2	46.1



INDIANA	<i>All Races</i>	<i>White</i>	<i>Black</i>
Total Births	86,382	75,422	9,288
Breastfeeding on Discharge	54,636	49,385	3,959
% Breastfeeding on Discharge	63.2	65.5	42.6

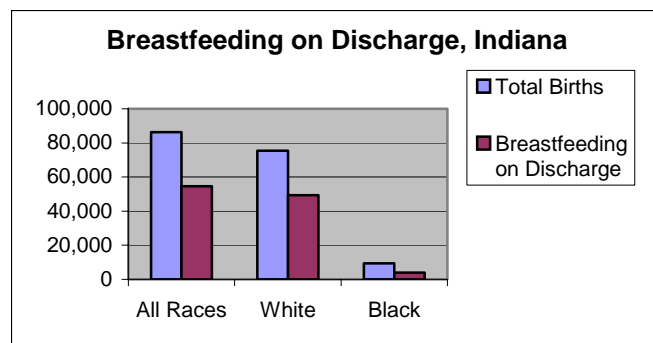


Figure 5. HIV/AIDS

	Total # of AIDS cases reported since 1982*	Total # of HIV cases reported since 1985*
MARION COUNTY	3172	1497
INDIANA	7,641	3,856

*numbers current through June 2005

Figure 6. Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Marion County WIC Program Counties Included: Marion							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	111	142	168	2	20	443	5.5%
At Risk for becoming Overweight	104	136	105	2	14	361	4.5%
Local Agency: State Wide Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Issues (Marion & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps		Marion	Indiana
2	% of Population enrolled in Medicaid as of June 2003	16.5	12.4
3	% of Population in Food Stamps Program, 2004	12.7	8.6
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Marion	Indiana
1	Av Total Infant Death Rate (1993-2002)	9.7	8.1
2	Average Fetal Death Rate (1994-2003)	7.2	6.7
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Marion	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005)	11	NA
2	% PNC 1st Trimester, 2003	76.4	80.6
Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning		Marion	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	9.6	10.4
2	%Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005	1.9	2.1
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Marion	Indiana
1	% of mothers Smoked During Pregnancy, 2003	17.6	18.5
2	% of Adult Smoking in 2003	28.7	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24)		Marion	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003)	57	748
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	4262.50	1541.49
Priority #8 (obesity): Obesity in pregnant women		Marion	Indiana
1	Number of Obese Pregnant Women In Indiana, 2003	36	2,496
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Marion	Indiana
1	Child deaths due to Injury 1-14yrs (2001-2003)	29	257
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	15.2	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Marion	Indiana
1	% of Hispanic Population of any Race, July,1,2004	5.5	4.3
2	Low Birth Weight Disparity Ratio (B/W) (1993-2002)	1.82	1.92
Source: Data Analysis Team, ISDH. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.			

Note: The following priorities have been identified for Marion County:

- **Priority # 1:** To decrease high-risk pregnancies, fetal death, low birth weight, infant mortality racial and ethnic disparities in pregnancy outcomes.
- **Priority # 2:** To reduce barriers to access to health care, mental health care and dental care for pregnant women, infants, children, children with special health care needs, adolescents, women and families.
- **Priority # 4:** To reduce morbidity and mortality rates from environmentally related health conditions including asthma, lead poisoning and birth defects.
- **Priority # 7:** To reduce risk behaviors in adolescents including unintentional injuries and violence, tobacco use, alcohol and other drug use, risky sexual behavior including teen pregnancy, unhealthy dietary behaviors and physical inactivity.
- **Priority # 8:** To reduce obesity in Indiana.
- **Priority # 9:** To reduce the rates of domestic violence to women and children, child abuse and childhood injury in Indiana.
- **Priority # 10:** To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes.